

Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)
"EXPRESS MAIL" Mailing Label Number: EL690341466US Date of Deposit: 3/6/2001
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE
TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For
Patents, Washington, DC 20231.
Name: Louise Harmon 3/6/2001
Signature Signature Date

Docket No. : **SIA-P032**

TRANSMITTAL LETTER

Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: BOX PATENT APPLICATIONS

RECEIVED
JUN 14 2001
Technology Center 2100

Re: U.S. Utility Patent Application
Application No. 09/728,147; Filed 11/28/2000
For: **DATA STRUCTURE AND METHOD FOR SORTING USING HEAP-
SUPERNODES**
Inventor(s): **NADJ, et al.**
Docket No.: **SIA-P032**

Sir:

Transmitted herewith for filing, enclosed are the following documents:

- ☒ Executed Combined Declaration and Power of Attorney for Patent Application
- ☒ An Original Executed Assignment of the Application
- ☒ Form PTO-1595 (Recordation Cover Sheet for Assignment)
- ☐ Verified Statement Claiming Small Entity Status with Cover Sheet
- ☐ An Information Disclosure Statement (Form PTO-1449A and Form PTO-1449B)
- ☐ A copy of References cited in Information Disclosure: _____ documents

FEES DUE

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any,
are determined as follow:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$710 large entity; \$355 small entity)					\$.00
Total Claims		Minus 20 =		X \$18 = X \$ 9 (small) =	.00
Total Independent Claims		Minus 3 =		X \$78 = X \$39 (small) =	.00
If Multiple Dependent Claims are presented, add \$260.00 or \$130.00(small)					
Oath of Declaration surcharge					.00
Assignment Recordation fee \$40.00 paid on filing date 10/24/00					.00
TOTAL APPLICATION FEE DUE					\$.00

PAYMENT OF FEES

The full fee due in connection with this communication is
and is provided as follows:

\$.00

_____ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

_____ A Check No. _____ for the above specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

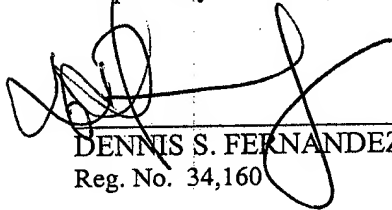
(650) 325-4999
(650) 325-1203 : FAX
EMAIL: *iploft@iploft.com*



22877

PATENT TRADEMARK OFFICE

Respectfully submitted,



DENNIS S. FERNANDEZ, ESQ.
Reg. No. 34,160

3-6-2001

Date



05-22-01

21C1

2177

The Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: Box Missing Parts

Re: U.S. Utility Patent Application
Application No. 09/728,147; Filed 11/28/00
For: **DATA STRUCTURE AND METHOD FOR SORTING USING HEAP-
SUPERNODES**
Inventor(s): **NADJ, et al.**
Docket No.: **SIA-P032**

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Technology Center 2100

Sir:

The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

1. Copy of Notice To File Missing Parts of Nonprovisional Application dated 4/4/2001;
2. Copy of Form PTO-1082 submitted on 3/6/2001;
3. Copy of an **original, executed** Combined Declaration and Power of Attorney by named inventors submitted on 3/6/2001;
4. Copy of Form PTO-1595 (Recordation Cover Sheet for Assignment) submitted on 3/6/2001;
5. Copy of an **original, executed** Assignment to **SILICON ACCESS NETWORKS, INC.**, executed by named inventors, recordation of which is hereby requested, submitted on 3/6/2001;
6. Copy of Express Mail Receipt dated 3/6/2001;
7. Copy of Return Receipt Postcard dated 3/6/2001;
8. Form PTO-1082 (in duplicate);
9. A return post card; and,
10. Check No. 6081 for \$ 65.00 to cover:
Oath and declaration surcharge: \$ 65.00

It is respectfully requested that the attached postcard be stamped with the receipt date of the above documents and returned to the addressee as soon as possible.

Respectfully submitted,

05/21/01
Date

PETER C. SU
Reg. No. 43,939

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204
(650) 325-4999
(650) 325-1203 FAX
EMAIL: iploft@iploft.com

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/728,147	11/28/2000	Paul Nadj	SIA-P032

CONFIRMATION NO. 4966

FORMALITIES LETTER



OC000000005934915

22877
FERNANDEZ & ASSOCIATES LLP
1047 EL CAMINO REAL
SUITE 201
MENLO PARK, CA 94025

Date Mailed: 04/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/24/2001 TBESHAH1 00000068 09728147

FILED UNDER 37 CFR 1.53(b)

01 FC:205

65.00 OP

Filing Date Granted

RECEIVED
JUN 14 2001
Technology Center 2100

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

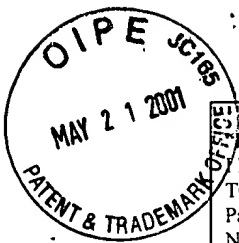
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)	
EXPRESS MAIL" Mailing Label Number: EL690341775US	Date of Deposit: 5/21/2001
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, DC 20231.	
Name: Maritza Kidd	
Signature: <i>Maritza Kidd</i>	Signature Date: 5/21/2001

Docket No. : SIA-P032

TRANSMITTAL LETTER

Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: BOX MISSING PARTS

RECEIVED
JUN 14 2001
Technology Center 2100

Sir:

Transmitted herewith for patent application no. 09/728,147, filed 11/28/2000 of:

Inventor(s): **NADJ, et al.**

Entitled: **DATA STRUCTURE AND METHOD FOR SORTING USING HEAP-SUPERNODES**

Are enclosed the following documents:

- ☒ Executed Combined Declaration and Power of Attorney for Patent Application (copy)
- ☒ An Original Executed Assignment of the Application (copy)
- ☒ Form PTO-1595 (Recordation Cover Sheet for Assignment) (copy)
- ☒ Notice of Non-Recordation of Document (ID No. 101550659)
- ☒ Notice To File Missing Parts of Nonprovisional Application
- ☐ Verified Statement Claiming Small Entity Status with Cover Sheet
- ☐ An Information Disclosure Statement (Form PTO-1449A and Form PTO-1449B)
- ☐ A copy of References cited in Information Disclosure: _____ documents

FEES DUE

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any, are determined as follow:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$710 large entity; \$355 small entity)					\$.00
Total Claims		Minus 20 =		X \$18 = X \$ 9 (small) =	.00
Total Independent Claims		Minus 3 =		X \$78 = X \$39 (small) =	.00
If Multiple Dependent Claims are presented, add \$260.00 or \$130.00(small)					
Oath of Declaration surcharge					65.00
Assignment Recordation fee \$40.00 paid on filing date 11/28/00					.00
TOTAL APPLICATION FEE DUE					\$65.00

PAYMENT OF FEES

The full fee due in connection with this communication is
and is provided as follows:

\$ 65.00

_____ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

X A Check No. 6081 for the above specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

_____ Applicant does not believe that any payment of fee is needed in association with this communication. However, should Applicant inadvertently miscalculated the required fee, the Commissioner is hereby authorized to charge any necessary amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**.

This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

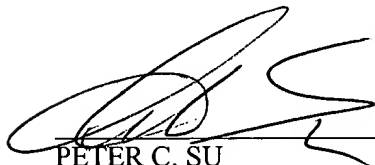
(650) 325-4999
(650) 325-1203 : FAX
EMAIL: *iploft@iploft.com*



22877

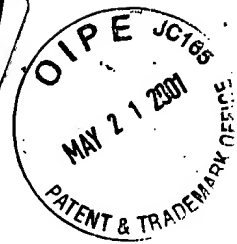
PATENT TRADEMARK OFFICE

Respectfully submitted,



PETER C. SU
Reg. No. 43,939

05/21/01
Date



EL690341466US

BOX PATENT APPLICATION

Applicants: NADJ, et al
Application No.: 09/ 728,417
Filed: 11/28/2000

Art Unit: not yet assigned
Examiner: not yet assigned
Atty Docket: S/A - P032

Title: DATA STRUCTURE AND METHOD FOR SORTING USING HEAP-SUPERNODES

When receipt stamp is placed hereon, the USPTO acknowledges the receipt of the following:

- ☒ A Transmittal Letter For Below-Marked Correspondences
- ☐ Non-Provisional Application: pages, including Title page, Claims and Abstract
- ☐ sheets of Informal / Formal Drawings
- ☒ Executed Combined Declaration and Power of Attorney for Patent Application
- ☒ Form PTO-1082 (w/Duplicate)
- ☒ Form PTO-1595 (Recordation Cover Sheet for Assignment)
- ☒ An Assignment of Invention
- ☐ An Information Disclosure Statement Transmittal
- ☐ Form 1449A and Form 1449B
- ☐ An Amendment/ Response to An Official Action
- ☐ A Check # For Amount \$

PLEASE STAMP HEREON THE RECEIPT DATE AND RETURN AS SOON AS POSSIBLE